

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A mobile station that receives data from a plurality of sectors and selects sectors as candidates for site selection diversity transmit power control from said plurality of sectors, characterized in that said mobile station selects two or more sectors from sectors listed in a sector selection candidate table which is received, ~~via said plurality of sectors,~~ from a radio network control station.

Claim 2 (Original): The mobile station according to Claim 1, characterized in that when said mobile station does not receive any data via dedicated physical data channels from selected sectors, said mobile station selects two or more sectors.

Claim 3 (Original): The mobile station according to Claim 1, characterized in that when said mobile station has not received any data via dedicated physical data channels from selected sectors a predetermined number or more of times, said mobile station selects two or more sectors.

Claim 4 (Original): The mobile station according to Claim 1, characterized in that said mobile station determines whether or not said mobile station is receiving data via a common pilot channel from each of said plurality of sectors, and, when said mobile station has not received any data via common pilot channels from each of said plurality of sectors a predetermined number or more of times, said mobile station selects two or more sectors.

Claim 5 (Original): The mobile station according to Claim 4, characterized in that said mobile station excludes sectors from which said mobile station does not receive any data via common pilot channels from candidates for site selection diversity transmit power control.

Claim 6 (Original): The mobile station according to Claim 4, characterized in that said mobile station excludes sectors from which said mobile station has not received any data via common pilot channels the predetermined number or more of times from candidates for site selection diversity transmit power control.

Claim 7 (Original): A mobile station that receives data from a plurality of sectors and selects sectors as candidates for site selection diversity transmit power control, characterized in that said mobile station determines whether or not said mobile station is receiving data from each of said plurality of sectors, and excludes sectors from which said mobile station has not received any data via common pilot channels a predetermined number or more of times from candidates for site selection diversity transmit power control.

Claim 8 (Original): The mobile station according to Claim 7, characterized in that said mobile station determines whether or not said mobile station is receiving data via a common pilot channel from each of said plurality of sectors.

Claim 9 (Original): The mobile station according to Claim 7, characterized in that said mobile station determines whether or not said mobile station is receiving data via a dedicated physical data channel from each of selected sectors, and excludes sectors from which said mobile station has not received any data via dedicated physical data channels a

predetermined number or more of times from candidates for site selection diversity transmit power control.

Claim 10 (Original): A mobile station that receives data from a plurality of sectors and selects sectors as candidates for site selection diversity transmit power control, characterized in that said mobile station selects sectors based on site selection diversity transmission power control on/off information received via said plurality of sectors from a radio network control station, information indicating whether or not said mobile station is receiving data via a dedicated physical data channel from each of said plurality of sectors, and DTX (Discontinuous transmission) on/off information of a TFCI (Transport Format Combination Indicator) field indicating a structure of a transport channel in the dedicated physical control channel.

Claim 11 (Original): The mobile station according to Claim 10, characterized in that said mobile station measures received power of the dedicated physical data channel so as to determine whether or not said mobile station is receiving data via the dedicated physical data channel from each of said plurality of sectors.

Claim 12 (Currently Amended): The mobile station according to Claim 10, characterized in that said mobile station measures received power of the TFCI field of the dedicated physical ~~data-control~~ channel so as to determine whether or not said mobile station is receiving data via the dedicated physical data channel from each of said plurality of sectors.

Claim 13 (Currently Amended): The mobile station according to Claim 10, characterized in that said mobile station measures received power of a pilot field of the dedicated physical ~~data-control~~ channel so as to determine whether or not said mobile station is receiving data via the dedicated physical data channel from each of said plurality of sectors.

Claim 14 (Currently Amended): The mobile station according to Claim 10, characterized in that said mobile station measures both received power of the TFCI field of the dedicated physical ~~data-control~~ channel and received power of a pilot field of the dedicated physical data channel so as to determine whether or not said mobile station is receiving data via the dedicated physical data channel from each of said plurality of sectors.

Claim 15 (New): The mobile station according to claim 1, wherein:  
the sector selection candidate table is received via said plurality of sectors.

Claim 16 (New): A mobile station, comprising:  
means for receiving, data from a plurality of sectors; and  
means for selecting two or more sectors as candidates for site selection diversity  
transmit power control, said two or more sectors selected from sectors of a sector selection candidate table.

Claim 17 (New): A mobile station according to claim 16, wherein said means for selecting comprises:

means for selecting two or more sectors when said mobile station does not receive any data via dedicated physical data channels from selected sectors.

Claim 18 (New): A mobile station according to claim 16, wherein said means for selecting comprises:

means for selecting two or more sectors when said mobile station has not received any data via dedicated physical data channels from selected sectors a predetermined number or more of times.

Claim 19 (New): A mobile station according to claim 16, wherein said means for selecting comprises:

means for selecting two or more sectors when said mobile station determines that said mobile station has not received any data via common pilot channels from each of said plurality of sectors a predetermined number or more of times.

Claim 20 (New): A mobile station according to claim 19, wherein said means for selecting excludes sectors from which said mobile station does not receive any data via common pilot channels from candidates for site selection diversity transmit power control.

Claim 21 (New): A mobile station according to claim 19, wherein said means for selecting excludes sectors from which said mobile station has not received any data via common pilot channels the predetermined number or more of times from candidates for site selection diversity transmit power control.

Claim 22 (New): A mobile station, comprising:

means for receiving data via pilot channels used by a plurality of sectors;

means for determining whether sectors of said plurality of sectors have not received data via common pilot channels at least a predetermined number of time; and

means for selecting candidate sectors by excluding from said plurality of sectors from which said mobile station has not received data via common pilot channels at least a predetermined number of times.

Claim 23 (New): A mobile station according claim 22, wherein:

said means for determining comprises means for determining whether said mobile station is receiving data via a common pilot channel from each of said plurality of sectors.

Claim 24 (New): A mobile station according to claim 22, further comprising:

means for determining whether said mobile station is receiving data via a dedicated physical data channel from each of the candidate sectors which have been selected, and excluding sectors from which said mobile station has not received any data via dedicated physical data channels a predetermined number or more of times from candidates for site selection diversity transmit power control.

Claim 25 (New): A mobile station according to claim 22, further comprising:

means for selecting a sector whose common pilot channel has a strongest power from the candidate sectors which have been selected.

Claim 26 (New): A mobile station, comprising:

means for receiving data from a plurality of sectors; and  
means for selecting sectors as candidates for site selection diversity transmit power control using:

site selection diversity transmission power control on/off information received via said plurality of sectors from a radio network control station, information indicating whether said mobile station is receiving data via a dedicated physical data channel from said plurality of sectors, and DTX (Discontinuous transmission) on/off information of a TFCI (Transport Format Combination Indicator) field indicating a structure of a transport channel in the dedicated physical control channel.

Claim 27 (New): The mobile station according to claim 26, further comprising:  
means for measuring received power of the dedicated physical data channels of said plurality of sectors to determine whether said mobile station is receiving data via the dedicated physical channels.

Claim 28 (New): The mobile station according to claim 26, further comprising:  
means for measuring received power of the TFCI field of the dedicated physical data channel so as to determine whether said mobile station is receiving data via the dedicated physical data channel from said plurality of sectors.

Claim 29 (New): The mobile station according to claim 26, further comprising:  
means for measuring received power of a pilot field of the dedicated physical data channel so as to determine whether said mobile station is receiving data via the dedicated physical data channel from said plurality of sectors.

Claim 30 (New): The mobile station according to claim 26, further comprising:

means for measuring received power of both the TFCI field of the dedicated physical data channel and a pilot field of the dedicated physical data channel so as to determine whether said mobile station is receiving data via the dedicated physical data channel from said plurality of sectors.

Claim 31 (New): A method of operating a mobile station, comprising:  
receiving, by the mobile station, data from a plurality of sectors; and  
selecting, by the mobile station, two or more sectors as candidates for site selection diversity transmit power control, said two or more sectors selected from sectors of a sector selection candidate table.

Claim 32 (New): A method according to claim 31, wherein:  
said mobile station selects two or more sectors when said mobile station does not receive any data via dedicated physical data channels from selected sectors.

Claim 33 (New): A method according to claim 31, wherein:  
said mobile station selects two or more sectors when said mobile station has not received any data via dedicated physical data channels from selected sectors a predetermined number or more of times.

Claim 34 (New): A method according to claim 31, wherein:  
said mobile station selects two or more sectors when said mobile station determines that said mobile station has not received any data via common pilot channels from each of said plurality of sectors a predetermined number or more of times.



Claim 35 (New): A method according to claim 34, wherein:

said mobile station excludes sectors from which said mobile station does not receive any data via common pilot channels from candidates for site selection diversity transmit power control.

Claim 36 (New): A method according to claim 34, wherein:

said mobile station excludes sectors from which said mobile station has not received any data via common pilot channels the predetermined number or more of times from candidates for site selection diversity transmit power control.

Claim 37 (New): A method of operating a mobile station, comprising:

receiving, by the mobile station, data via pilot channels used by a plurality of sectors; determining whether sectors of said plurality of sectors have not received data via common pilot channels at least a predetermined number of time; and

selecting candidate sectors by excluding from said plurality of sectors from which said mobile station has not received data via common pilot channels at least a predetermined number of times.

Claim 38 (New): A method according claim 37, wherein:

said determining step determines whether said mobile station is receiving data via a common pilot channel from each of said plurality of sectors.

Claim 39 (New): A method according to claim 37, further comprising:

determining whether said mobile station is receiving data via a dedicated physical data channel from each of the candidate sectors which have been selected, and excludes

sectors from which said mobile station has not received any data via dedicated physical data channels a predetermined number or more of times from candidates for site selection diversity transmit power control.

Claim 40 (New): A method according to claim 37, further comprising:  
selecting a sector whose common pilot channel has a strongest power from the candidate sectors which have been selected.

Claim 41 (New): A method of operating a mobile station, comprising:  
receiving, by the mobile station, data from a plurality of sectors; and  
selecting, by the mobile station, sectors as candidates for site selection diversity transmit power control using:  
site selection diversity transmission power control on/off information received via said plurality of sectors from a radio network control station, information indicating whether said mobile station is receiving data via a dedicated physical data channel from said plurality of sectors, and  
DTX (Discontinuous transmission) on/off information of a TFCI (Transport Format Combination Indicator) field indicating a structure of a transport channel in the dedicated physical control channel.

Claim 42 (New): The mobile station according to claim 41, further comprising:  
measuring, by the mobile station, received power of the dedicated physical data channels of said plurality of sectors to determine whether said mobile station is receiving data via the dedicated physical channels.

Claim 43 (New): The mobile station according to claim 41, further comprising:  
measuring, by the mobile station, received power of the TFCI field of the dedicated physical data channel so as to determine whether said mobile station is receiving data via the dedicated physical data channel from said plurality of sectors.

Claim 44 (New): The mobile station according to claim 41, further comprising:  
measuring, by the mobile station, received power of a pilot field of the dedicated physical data channel so as to determine whether said mobile station is receiving data via the dedicated physical data channel from said plurality of sectors.

Claim 45 (New): The mobile station according to claim 41, further comprising:  
measuring, by the mobile station, received power of both the TFCI field of the dedicated physical data channel and a pilot field of the dedicated physical data channel so as to determine whether said mobile station is receiving data via the dedicated physical